Andrew Graham

List of Publications by Year
in descending order

20 papers	532 citations	567281 15 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	610 citing authors

#	Article	IF	Citations
1	Epoxide ring-opening and Meinwald rearrangement reactions of epoxides catalyzed by mesoporous aluminosilicates. Organic and Biomolecular Chemistry, 2009, 7, 2559.	2.8	74
2	Indium triflate mediated acetalization of aldehydes and ketones. Tetrahedron Letters, 2006, 47, 9317-9319.	1.4	53
3	Nanoporous aluminosilicate catalyzed Friedelâ€“Crafts alkylation reactions of indoles with aldehydes and acetals. Green Chemistry, 2011, 13, 2320.	9.0	49
4	Etherification Reactions of Furfuryl Alcohol in the Presence of Orthoesters and Ketals: Application to the Synthesis of Furfuryl Ether Biofuels. ACS Sustainable Chemistry and Engineering, 2018, 6, 4996-5002.	6.7	38
5	Mesoporous aluminosilicate promoted protection and deprotection of carbonyl compounds. Tetrahedron Letters, 2007, 48, 4727-4731.	1.4	32
6	Conversion of levulinic acid to levulinate ester biofuels by heterogeneous catalysts in the presence of acetals and ketals. Applied Catalysis B: Environmental, 2021, 293, 120219.	20.2	30
7	A convenient preparation of symmetrical and unsymmetrical 1,2-diketones: application to fluorinated phenytoin synthesis. Tetrahedron, 1992, 48, 7265-7274.	1.9	29
8	Indium(III) triflate catalysed transacetalisation reactions of diols and triols under solvent-free conditions. Tetrahedron, 2012, 68, 7775-7781.	1.9	27
9	Synthesis and catalytic activity of nanoporous aluminosilicate materials. Journal of Molecular Catalysis A, 2009, 314, 10-14.	4.8	26
10	Indium(III) triflate promoted synthesis of alkyl levulinates from furyl alcohols and furyl aldehydes. Catalysis Communications, 2015, 59, 175-179.	3.3	23
11	Sequential and tandem oxidation/acetalization procedures for the direct generation of acetals from alcohols. Tetrahedron Letters, 2007, 48, 4891-4894.	1.4	21
12	Metal triflate catalysed acetal exchange reactions of glycerol under solvent-free conditions. RSC Advances, 2012, 2, 2702.	3.6	21
13	Reactivity and selectivity in the oxidation of aryl methyl sulfides and sulfoxides by hydrogen peroxide mediated by acetonitrile. Journal of the Chemical Society Perkin Transactions II, 1993, , 2161.	0.9	20
14	Nanoporous alumino- and borosilicate-mediated Meinwald rearrangement of epoxides. Applied Catalysis A: General, 2015, 493, 17-24.	4.3	19
15	Dehydrative Etherification Reactions of Glycerol with Alcohols Catalyzed by Recyclable Nanoporous Aluminosilicates: Telescoped Routes to Glyceryl Ethers. ACS Sustainable Chemistry and Engineering, 2016, 4, 835-843.	6.7	17
16	Indium triflate mediated tandem acetalisation-acetal exchange reactions under solvent-free conditions. Tetrahedron Letters, 2011, 52, 6281-6283.	1.4	14
17	Nanoporous aluminosilicate mediated transacetalization reactions: application in glycerol valorization. Catalysis Science and Technology, 2012, 2, 2258.	4.1	14
18	Nanoporous Aluminosilicate-Mediated Synthesis of Ethers by a Dehydrative Etherification Approach. ACS Sustainable Chemistry and Engineering, 2014, 2, 860-866.	6.7	12

#	Article	IF	Citations
19	Nanoporous Aluminosilicate-Catalyzed Telescoped Acetalization-Direct Aldol Reactions of Acetals with 1,3-Dicarbonyl Compounds. ACS Omega, 2018, 3, 15482-15491.	3.5	11
20	Metal Triflate-Promoted Allylic Substitution Reactions of Cinnamyl Alcohol in the Presence of Orthoesters and Acetals. ACS Omega, 2019, 4, 15985-15991.	3.5	2